

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-6. (Canceled).

\ 7. (Original) A fuel injector for a fuel injection system of an internal combustion engine, comprising:

a solenoid coil;

a first resetting spring;

a second resetting spring;

an armature that can be acted upon by the solenoid coil in a stroke direction in opposition to the first resetting spring, the armature being acted upon by the second resetting spring;

a valve-closure member;

a valve needle connected to the valve-closure member and including a first limit stop for the armature;

a valve seat cooperating with the valve-closure member;

a connecting part formed of a magnetic material and on which is supported the valve seat;

a stationary second limit stop configured on the connecting part and provided for the armature;

and a magnetic restricter disposed in a vicinity of the stationary second limit stop and arranged on at least one of the connecting part and the armature, wherein:

the second resetting spring acts upon the armature contrary to the stroke direction, and

in a resting position when the solenoid coil is not excited, the second resetting spring holds the armature in position at the stationary second limit stop such that the armature is positioned at a preestablished distance from the first limit stop, configured on the valve needle.

2/8. (Original) The fuel injector according to claim 7, wherein:

the fuel injector is for directly injecting a fuel into a combustion chamber of the internal combustion engine.

7 9. (Original) A fuel injector for a fuel injection system of an internal combustion engine, comprising:

a solenoid coil;

a first resetting spring;

a second resetting spring;

an armature that can be acted upon by the solenoid coil in a stroke direction in opposition to the first resetting spring, the armature being acted upon by the second resetting spring;

a valve-closure member;

a valve needle connected to the valve-closure member and including a first limit stop for the armature;

a valve seat cooperating with the valve-closure member;

a connecting part formed of a non-magnetic material and on which is supported the valve seat; and

a stationary second limit stop configured on the connecting part and provided for the armature, wherein:

the second resetting spring acts upon the armature contrary to the stroke direction, and

in a resting position when the solenoid coil is not excited, the second resetting spring holds the armature in position at the stationary second limit stop such that the armature is positioned at a preestablished distance from the first limit stop, configured on the valve needle.

10. (Original) The fuel injector according to claim 9, wherein:

the fuel injector is for directly injecting a fuel into a combustion chamber of the internal combustion engine.

11. (Original) The fuel injector according to claim 7, further comprising:
an armature guide integrated in the connecting part, wherein:

the stationary second limit stop is integrated in the connecting part.

6 ~~12~~. (Original) The fuel injector according to claim ~~9~~³, further comprising:
an armature guide integrated in the connecting part, wherein:
the stationary second limit stop is integrated in the connecting part.

7 ~~13~~. (Original) The fuel injector according to claim ~~11~~⁵, further comprising:
an external pole, wherein:
the armature cooperates with the external pole, the armature guide, and the
stationary second limit stop.

8 ~~14~~. (Original) The fuel injector according to claim ~~12~~⁸, further comprising:
an external pole, wherein:
the armature cooperates with the external pole, the armature guide, and the
stationary second limit stop.

9 ~~15~~. (Original) The fuel injector according to claim ~~7~~¹, wherein:
the magnetic restricter is arranged at a periphery of a segment of the armature
that is aligned with the valve needle.

10 ~~16~~. (Original) The fuel injector according to claim ~~7~~¹, further comprising:
an external pole; and
a casing formed of a non-magnetic material and arranged between the connecting part
and the external pole.

11 ~~17~~. (Original) The fuel injector according to claim ~~9~~³, further comprising:
an external pole; and
a casing formed of a non-magnetic material and arranged between the connecting part
and the external pole.

12 ~~18~~. (New) A fuel injector, comprising:
a solenoid coil;
a first resetting spring;²⁷

a second resetting ⁴⁰spring;
an armature ¹¹that can be acted upon by the solenoid coil in a stroke direction in opposition to the first resetting spring, the armature being acted upon by the second resetting spring;

a valve needle including a first limit stop for the armature;

a stationary second limit stop provided for the armature;

wherein:

the second resetting spring acts upon the armature contrary to the stroke direction, and in a resting position when the solenoid coil is not excited, the second resetting spring holds the armature in position at the stationary second limit stop such that the armature is positioned at a preestablished distance from the first limit stop, configured on the valve needle.

A2 ¹³19. (New) The fuel injector according to claim ¹²18, further comprising:
a valve seat cooperating with the valve needle.

¹²20. (New) The fuel injector according to claim ¹²18, further comprising:
a magnetic restricter disposed in a vicinity of the stationary second limit stop and arranged on at least one of the connecting part and the armature.

¹³21. (New) The fuel injector according to claim ¹³19, further comprising:
a connecting part formed of a magnetic material and on which is supported the valve seat.

¹²22. (New) The fuel injector according to claim ¹²18, further comprising:
a connecting part formed of a non-magnetic material and on which is supported the valve seat.

¹²23. (New) The fuel injector according to claim ¹²18, wherein at least a portion of the second resetting spring lies between an end face of the armature facing the first resetting spring and the first limit stop.
